

EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L5	158	((silicon or si) with diamond with (density or concentration)) and ("257" or "438").clas.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/02/12 11:44
L6	27	((silicon or si) with diamond with (density or concentration)) and (silicon and diamond).ab. and ("257" or "438").clas.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/02/12 12:51
L7	22	((silicon or si) with diamond with (n-type or n type)) and (silicon and diamond).ab. and ("257" or "438").clas.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/02/12 12:59
L8	6	((n-type or n type) and diamond and (silicon or si)).ti.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/02/12 13:04
L14	3	(multiple or plurality or several) near2 ((n-type or n type) near2 diamond with layer)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/02/12 16:20
L15	17	("4957591" "5138237" "5341063" "5399238" "5449435").PN. OR ("5844252").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/02/12 16:23
L16	13	("5138237" "5341063").PN. OR ("5552613").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/02/12 16:24
L18	3	lightly doped drain and (n-type or n type) and diamond.ti.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/02/12 16:49

L20	476	(lightly doped drain or LDD) and (n-type or n type) and (diamond with (layer or substrate))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/02/12 16:51
S1	32	((AKIHIKO) near2 (NAMBA)).INV.	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/02/06 12:22
S2	52	((YOSHIKI) near2 (NISHIBAYASHI)).INV.	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/02/06 12:22
S3	112	((TAKAHIRO) near2 (IMAI)).INV.	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/02/06 12:23
S4	7	(S1 or S2 or S3) and (diamond and electron and temperature).clm.	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/02/06 12:24
S6	1	("20030155654").PN.	US-PGPUB; USPAT	OR	OFF	2008/02/06 16:32
S7	0	("2003/0155654").URPN.	USPAT	ADJ	ON	2008/02/06 16:33
S14	1	("7063742").PN.	US-PGPUB; USPAT	OR	OFF	2008/02/06 17:39
S15	0	2003-303954	JPO	ADJ	ON	2008/02/07 09:20
S16	2	"2003303954"	JPO	ADJ	ON	2008/02/07 09:20
S17	1	(hall (effect or coefficient)) and ((carrier density) or (electron concentration)) and (resistivity or resistance) and (diamond near3 (layer or substrate)) and sulfur and phosphor\$2 and silicon and ((negativ \$3 or decreas\$3 or reverse) with temperature) and (n-type or n type) and dop\$3	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/02/07 09:46
S18	5	(hall (effect or coefficient)) and ((carrier density) or (electron concentration)) and (resistivity or resistance) and (diamond with (layer or substrate or film)) and sulfur and phosphor\$2 and silicon and temperature and (n-type or n type) and dop\$3	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/02/07 09:49

S19	29	((carrier density) or (electron concentration)) and (resistivity or resistance) and (diamond with (layer or substrate or film)) and sulfur and phosphor\$2 and silicon and temperature and (n-type or n type) and dop\$3	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/02/07 09:51
S20	1363	257/77.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/02/07 09:53
S21	522	S20 and diamond	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/02/07 09:54
S22	4	("5051785" "5389799"). PN. OR ("6414338"). URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/02/07 10:30
S23	2	("5600156").PN. OR ("6727171").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/02/07 10:34
S24	4	((("5051785") or ("5381755"))).PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/02/07 11:15
S25	49	((("5362975") or ("5777372") or ("5792256") or ("5903015") or ("6147020") or ("5254862") or ("5285084") or ("5371382") or ("5382809") or ("5629482") or ("6099639") or ("4348803") or ("4904618") or ("4949347") or ("5252840") or ("5285089") or ("5344526") or ("5420443") or ("5508208") or ("5536953") or ("5552613") or	US-PGPUB; USPAT; USOCR	OR	OFF	2008/02/07 11:17

		("5562769") or ("5670796") or ("6110817") or ("6271460") or ("6451690") or ("20060177962") or ("20070272929") or ("4783368") or ("5323022") or ("5409859") or ("5470661") or ("5569501") or ("5736226") or ("5874130") or ("6132816") or ("4122407") or ("5001452") or ("5210431") or ("5242663") or ("5280185") or ("5298435") or ("5319653") or ("5394829") or ("5432003") or ("5436036") or ("5436505") or ("5535905") or ("5563448")).PN.				
S26	50	(("5362975") or ("5777372") or ("5792256") or ("5903015") or ("6147020") or ("5254862") or ("5285084") or ("5371382") or ("5382809") or ("5629482") or ("6099639") or ("4348803") or ("4904618") or ("4949347") or ("5252840") or ("5285089") or ("5344526") or ("5420443") or ("5508208") or ("5536953") or ("5552613") or ("5562769") or ("5670796") or ("6110817") or ("6271460") or ("6451690") or ("20060177962") or	US-PGPUB; USPAT; USOCR	OR	OFF	2008/02/07 11:18

		("20070272929") or ("4783368") or ("5323022") or ("5409859") or ("5470661") or ("5569501") or ("5736226") or ("5874130") or ("6132816") or ("4122407") or ("5001452") or ("5210431") or ("5242663") or ("5280185") or ("5298435") or ("5319653") or ("5394829") or ("5432003") or ("5436036") or ("5436505") or ("5535905") or ("5563448") or ("5600156").PN.				
S27	272	diamond and phosphorus and silicon and sulfur and (carrier or electron or hole) (concentration or density) and semiconductor	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/02/07 12:38
S28	272	diamond and phosphorus and silicon and sulfur and (carrier or electron or hole) (concentration or density) and semiconductor	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/02/07 12:39
S29	0	("2002/0127405").URPN.	USPAT	ADJ	ON	2008/02/07 12:41
S30	437	((n-type or n type) near3 diamond) with (semiconductor or substrate or layer or film)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/02/07 12:44
S31	265	((n-type or n type) near3 diamond) with (semiconductor or substrate or layer or film) and (phosphorus or sulfur or silicon)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/02/07 12:45
S32	0	"0457508"	EPO	ADJ	ON	2008/02/07 14:01
S33	0	EPO457508	EPO	ADJ	ON	2008/02/07 14:02

S34	0	EPO-457508	EPO	ADJ	ON	2008/02/07 14:02
S35	0	EPO "457508"	EPO	ADJ	ON	2008/02/07 14:02
S36	1	"457508"	EPO	ADJ	ON	2008/02/07 14:02
S37	15	("5252840").URPN.	USPAT	ADJ	ON	2008/02/07 14:08
S38	295	(diamond with (layer or substrate or semiconductor or film)) and ((plural\$3 or second or subsequent or multiple or many) adj5 (layer or film)) and ((n-type or n type) with diamond)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/02/07 15:50
S39	1	("5252840").PN.	US-PGPUB; USPAT	OR	OFF	2008/02/07 15:52
S40	19	("4929986" "5006914" "5107315" "5132749").PN. OR ("5252840").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/02/07 15:52
S41	23	("3617975" "4963954" "5162886" "5183530" "5223721" "5231301" "5252840" "5278430" "5285089" "5289017").PN. OR ("5536953").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/02/07 16:08
S42	267	S38 and temperature	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/02/07 16:13
S43	5	("5656828").URPN.	USPAT	ADJ	ON	2008/02/07 16:39
S44	12	("5677553").URPN.	USPAT	ADJ	ON	2008/02/07 16:41
S45	3	("6054719").URPN.	USPAT	ADJ	ON	2008/02/07 16:45
S46	13	("5298765").URPN.	USPAT	ADJ	ON	2008/02/07 17:35
S47	88	((diamond and (n-type or n type)) and semiconductor).ti.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/02/07 17:47

S48	1	"1693895"	EPO	ADJ	ON	2008/02/07 18:02
S49	73	(active with layer with diamond) and ((non-active or undoped or insulator or pure) with layer) and concentration	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/02/07 18:11
S50	162	((active or dop\$3) with layer with diamond) and ((non-active or undoped or insulator or pure) with layer) and ((impurity or dop\$3) with concentration)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/02/07 18:19
S51	7080	(diamond with layer) and (dop\$3 or impurity)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/02/11 09:07
S52	2039	(diamond with layer) and ((dop\$3 or impurity) with (concentration or amount or density)) and (phosphor \$2 or sulfur or silicon)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/02/11 09:08
S53	1109	(diamond with layer) and ((dop\$3 or impurity) with (concentration or amount or density)) and (phosphor \$2 or sulfur or silicon) and ("257".clas. or "438".clas.)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/02/11 09:09
S54	176	(diamond with layer with (plurality or many or several or second or multiple)) and ((dop\$3 or impurity) with (concentration or amount or density)) and (phosphor \$2 or sulfur or silicon) and ("257".clas. or "438".clas.)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/02/11 09:11
S55	210	(diamond with layer with (plurality or many or several or second or multiple)) and ((dop\$3 or impurity) with (concentration or amount or density)) and (phosphor \$2 or sulfur or silicon) and (diamond.ti. or diamond.ab.)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/02/11 09:13

S56	19	("4929986" "5006914" "5107315" "5132749"). PN. OR ("5252840"). URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/02/11 09:20
S57	13	("5298765").URPN.	USPAT	ADJ	ON	2008/02/11 09:31
S58	12	("4314873" "4996570" "5302838" "5336923" "5435264" "5486705" "5493136" "5562769" "5662965").PN. OR ("6054719").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/02/11 09:42
S59	0	("2002/0127405").URPN.	USPAT	ADJ	ON	2008/02/11 09:46
S60	61	(US-20030155654-\$ or US-20030168665-\$ or US-20020127405-\$ or US-20050118349-\$).did. or (US-5001452-\$ or US-5474021-\$ or US-7063742-\$ or US-5051785-\$ or US-5243199-\$ or US-5252840-\$ or US-6414338-\$ or US-6727171-\$ or US-5381755-\$ or US-5670796-\$ or US-6132816-\$ or US-4571447-\$ or US-5341063-\$ or US-5812573-\$ or US-5811819-\$ or US-6582513-\$ or US-5536953-\$ or US-5298765-\$ or US-5600156-\$ or US-5619097-\$ or US-5656828-\$ or US-5677553-\$ or US-5874753-\$ or US-6054719-\$ or US-7132309-\$ or US-5523588-\$).did. or (US-5099296-\$ or US-5107315-\$ or US-5162886-\$ or US-5254862-\$ or US-5420443-\$ or US-5506422-\$ or US-5132749-\$ or US-5177585-\$ or US-5202571-\$ or US-5612548-\$ or US-5278431-\$ or US-5633513-\$ or US-5382809-\$ or US-5352908-\$ or US-5994208-\$).did. or (WO-9007796-\$ or GB-2228949-\$ or EP-457508-\$).did. or (JP-2003303954-\$ or JP-59213126-\$ or JP-04240784-\$ or JP-2004319649-\$ or JP-03097201-\$).did. or (DE-3818719-\$ or EP-445998-	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2008/02/11 10:50

		\$ or JP-04238895-\$ or JP-04293272-\$ or JP-2000340517-\$ or JP-01158774-\$ or JP-11126922-\$ or JP-2004207272-\$).did.				
S61	31	S60 and (n-type or n type) and (impurity or dop \$3) near3 (concentration or density)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/02/11 10:52
S62	16	S60 and (n-type or n type) and (impurity or dop \$3) near3 (concentration or density) and (phosphorus or sulfur)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/02/11 10:56
S63	42	((dop\$3 or impurity) with diamond with layer) and ((undoped or (un doped) or pure) with diamond with (layer or substrate)) and (phosphor\$2 or sulfur) and (n-type or n type) and ((impurity or dop\$3) near3 (concentration or density))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/02/11 11:07
S64	23	("3617975" "4963954" "5162886" "5183530" "5223721" "5231301" "5252840" "5278430" "5285089" "5289017"). PN. OR ("5536953"). URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/02/11 11:08
S65	42	S63 and diamond	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/02/11 11:09
S66	12	S64 and diamond	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/02/11 11:09

S67	30	((n-type or n type) near3 diamond).ti. and ((impurity or dop\$3) with (concentration or density))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/02/11 11:26
S68	261	(diamond.ti.) and (kazuyuki or takeshi or yoshihiro).inv.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/02/11 12:03
S69	3	((n-type or n type) and diamond).ti. and ((impurity or dop\$3) with (concentration or density) with (sulfur or phosphor \$3))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/02/11 12:39
S70	11	((n-type or n type) and diamond).ti. and ((impurity or dop\$3) with (concentration or density) and (sulfur or phosphor \$3))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/02/11 12:40
S71	4	("5001452" "5474021" "5500077" "5977697").PN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/02/11 12:41
S72	57	((n-type or n type) and diamond).ab. and ((impurity or dop\$3 or carrier) with (concentration or density) and (sulfur or phosphor \$3))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/02/11 12:42
S73	8	S60 and sulfur	US-PGPUB; USPAT	ADJ	ON	2008/02/11 12:53
S74	124	((n-type or n type) with diamond) and ((undoped or (un doped) or pure or (non doped) or (insulat\$3) or substrate) with diamond) and (phosphor \$2 or sulfur) and silicon and ((impurity or dop\$3 or carrier) with (concentration or density or amount))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/02/11 16:30
S75	14	("4486286" "4506284" "4513308" "4571447" "5202571").PN. OR ("5670788").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/02/11 16:52

S76	1	("20020127405").PN.	US-PGPUB; USPAT	OR	OFF	2008/02/11 17:06
S77	76	(US-20030155654-\$ or US-20030168665-\$ or US-20020127405-\$ or US-20050118349-\$).did. or (US-5001452-\$ or US-5474021-\$ or US-7063742-\$ or US-5051785-\$ or US-5243199-\$ or US-5252840-\$ or US-6414338-\$ or US-6727171-\$ or US-5381755-\$ or US-5670796-\$ or US-6132816-\$ or US-4571447-\$ or US-5341063-\$ or US-5812573-\$ or US-5811819-\$ or US-6582513-\$ or US-5536953-\$ or US-5298765-\$ or US-5600156-\$ or US-5619097-\$ or US-5656828-\$ or US-5677553-\$ or US-5874753-\$ or US-6054719-\$ or US-7132309-\$ or US-5523588-\$).did. or (US-5099296-\$ or US-5107315-\$ or US-5162886-\$ or US-5254862-\$ or US-5420443-\$ or US-5506422-\$ or US-5132749-\$ or US-5177585-\$ or US-5202571-\$ or US-5612548-\$ or US-5278431-\$ or US-5633513-\$ or US-5382809-\$ or US-5352908-\$ or US-5994208-\$ or US-5183530-\$ or US-5223721-\$ or US-6340393-\$ or US-5670788-\$ or US-6756086-\$ or US-6737793-\$ or US-5844252-\$).did. or (WO-9007796-\$ or GB-2228949-\$ or EP-457508-\$).did. or (JP-2003303954-\$ or JP-59213126-\$ or JP-04240784-\$ or JP-2004319649-\$ or JP-03097201-\$ or JP-2000340517-\$ or JP-08195486-\$ or JP-08255924-\$ or JP-2004207272-\$ or JP-11126922-\$).did. or (DE-3818719-\$ or EP-445998-\$ or JP-04238895-\$ or JP-04293272-\$ or JP-2000340517-\$ or JP-	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2008/02/11 17:34

		01158774-\$ or JP- 11126922-\$ or JP- 2004207272-\$ or JP- 05117089-\$ or EP-645793- A-\$ or JP-10247624-\$ or JP-2001007385-\$).did.				
S78	61	S77 and ((n-type or n type) with diamond)	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2008/02/11 17:35

2/ 12/ 2008 5:57:05 PM

C:\ Documents and Settings\rhuber\ My Documents\ EAST\ Workspaces\ Case 10580346\ EAST
search 10580346.wsp